

INDIANA DEPARTMENT
OF
HOMELAND SECURITY
INSPECTOR 1/2
SAMPLE TEST

1. The vents used for underground storage tanks should have at least a _____ inch nominal inside diameter.
 - A. 2
 - B. 1 1/2
 - C. 1 1/4
 - D. 1
2. The portion of a means of egress between the termination of an exit and a public way is an:
 - A. exit passage.
 - B. exit corridor.
 - C. exit access.
 - D. exit discharge.
3. Which of the following **best** describes the key elements of an inspection report on complex safety problems?
 - A. A list of code citations based on complaints submitted from citizens, contractors, or other sources
 - B. A floor plan of the premises showing the specific location of all notable violations
 - C. Although key elements may vary from inspection to inspection, an escape plan should be essential.
 - D. Standard report format should be in written form and include statistical data on the business, pertinent dates, names, and phone numbers, list of violations and recommendations for correction of each violation, and date of follow-up inspection.
4. When determining the occupant load for a multi-use building, the fire inspector should determine the occupant load based on:
 - A. the occupancy that has the greatest risk factor.
 - B. the occupancy that has the least number of persons.
 - C. the occupancy that has the greatest number of persons.
 - D. the total area of the building regardless of occupancy.
5. Most automatic sprinkler systems are designed on the premise that a fire will be controlled by the operation of:
 - A. five or fewer heads.
 - B. a minimum of ten sprinkler heads.
 - C. one sprinkler head.
 - D. every head in the fire floor.

6. On above-ground inside storage tanks for flammable or combustible liquid storage tanks, automatic closing, heat-actuated valves are required on:
- A. all piping connections.
 - B. piping connections above the liquid level.
 - C. none of the piping connections.
 - D. all piping connections below the liquid level.
7. Draft curtains are sometimes used in large areas of buildings that are not otherwise subdivided. The purpose of a draft curtains is to:
- A. limit the mushrooming effect of heat and smoke.
 - B. help with the air-conditioning needs of the area.
 - C. deflect hose streams into hard to reach areas.
 - D. stop the spread of fire through a fire assembly.
8. The storage magazine required for black powder and smokeless powder is a Type _____ Magazine.
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. 5
9. The pressure at a hydrant discharge opening that is recorded by a pitot tube and gauge while water is flowing is known as _____ pressure.
- A. flow
 - B. static
 - C. normal-operating
 - D. atmospheric
10. Above ground atmospheric tanks for flammable or combustible liquids are designed for pressures of _____ psi.
- A. 0 to 0.5
 - B. 0.5 to 15
 - C. 15 to 20
 - D. 10 to 15
11. A sketch depicting the general arrangement of the property in reference to streets, adjacent properties, and other important features is known as a(n):
- A. site plan.
 - B. sectional view.
 - C. floor plan.
 - D. aerial view.

12. If given the assignment to conduct a plans review, fire inspectors should:
- A. have a complete knowledge of construction techniques.
 - B. know applicable codes for their jurisdiction.
 - C. know their legal limitations.
 - D. All of the above.
13. According to NFPA 256, Methods of Fire Tests of Roof Coverings, the roof covering that provides the least fire retardant properties is:
- A. Class A.
 - B. Class B.
 - C. Class C.
 - D. Class D.
14. In court, fire inspectors should remain impartial and calm, never entering into _____ with the attorney for the defendant.
- A. dissertations
 - B. technical terminology
 - C. arguments
 - D. semantics
15. In high rise buildings, enclosed stairwells are designed with _____ and _____ requirements.
- A. pressurization and occupancy
 - B. fire rating and ADA (American with Disabilities Act)
 - C. fire rating and pressurization
 - D. egress and ADA (American with Disabilities Act)
16. When computing available fire flow in a specific area, the required residual pressure is _____ psi.
- A. 5
 - B. 10
 - C. 15
 - D. 20
17. Fire inspectors may serve as _____ in the courtroom or as _____ to the prosecutor.
- A. witnesses, advisors
 - B. plaintiff, complainant
 - C. legal aid, assistant
 - D. complainant, plaintiff

18. A fire inspector can use a/an _____ test to determine whether flammable decorations have been effectively treated with a fire retardant.
- A. ignition
 - B. heat
 - C. flame
 - D. electrical
19. If there is a question regarding the requirements in a code that governs judgment in determining equivalency, a fire inspector should:
- A. refer to the codes section on alternative methods.
 - B. refer to legal judgments on file with local courts.
 - C. contact another inspection bureau and see what they have accepted.
 - D. not allow modification to the code.
20. The obvious advantage of establishing a plans review process is that it:
- A. allows the inspector to spend more time in the office.
 - B. creates an additional opportunity for training and fire inspection.
 - C. enables the reviewer to point out discrepancies before construction begins.
 - D. increases the need for fire suppression activities.

REFERENCE LIST FOR FIRE INSPECTOR II - 6.0

<u>Publisher, Title, Edition</u>	<u>Reference Code</u>
1. IFSTA, Fire Inspection and Code Enforcement, 6th Edition	FICE 6
2. Delmar, Fire Prevention, Inspection, and Code Enforcement, 2nd Edition	FPICE
3. NFPA 1031 Fire Inspector Professional Qualifications, 2003	NFPA